

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092719AR\
 Data File : FD030841.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 9:55
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 28 01:39:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.574	3560335	20.909 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
6) S 2-Fluorobiphenyl (SURR)	8.435	2380759	20.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.29%
11) S ortho-Terphenyl (SURR)	11.464	3783290	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.382	3898793	21.170 ug/ml
2) T Naphthalene (C11.7)	5.916	4056936	21.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	3999510	20.997 ug/ml
5) T Acenaphthylene (C15.06)	8.237	3779221	20.518 ug/ml
7) T Acenaphthene (C15.5)	8.533	3965473	20.545 ug/ml
8) T Fluorene (C16.55)	9.311	3880842	20.532 ug/ml
9) T Phenanthrene (C19.36)	10.703	3806742	20.244 ug/ml
10) T Anthracene (C19.43)	10.778	3631921	19.873 ug/ml
12) T Fluoranthene (C21.85)	12.509	3709856	19.842 ug/ml
13) T Pyrene (C20.8)	12.805	3574031	19.435 ug/ml
14) T Benzo[a]anthracene (C...	14.671	3304041	19.096 ug/ml
15) T Chrysene (C27.41)	14.713	3385062	19.072 ug/ml
16) T benzo[b]fluoranthene ...	16.216	3108555	18.456 ug/ml
17) T Bnezo[k]fluoranthene ...	16.248	3144423	18.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.594	3009395	18.332 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.957	2890108	18.447 ug/ml
20) T Dibenz[a,h]anthracene...	17.993	2968569	18.972 ug/ml
21) T Benzo[g,h,i]perylene ...	18.209	2911393	18.906 ug/ml

(f)=RT Delta > 1/2 Window

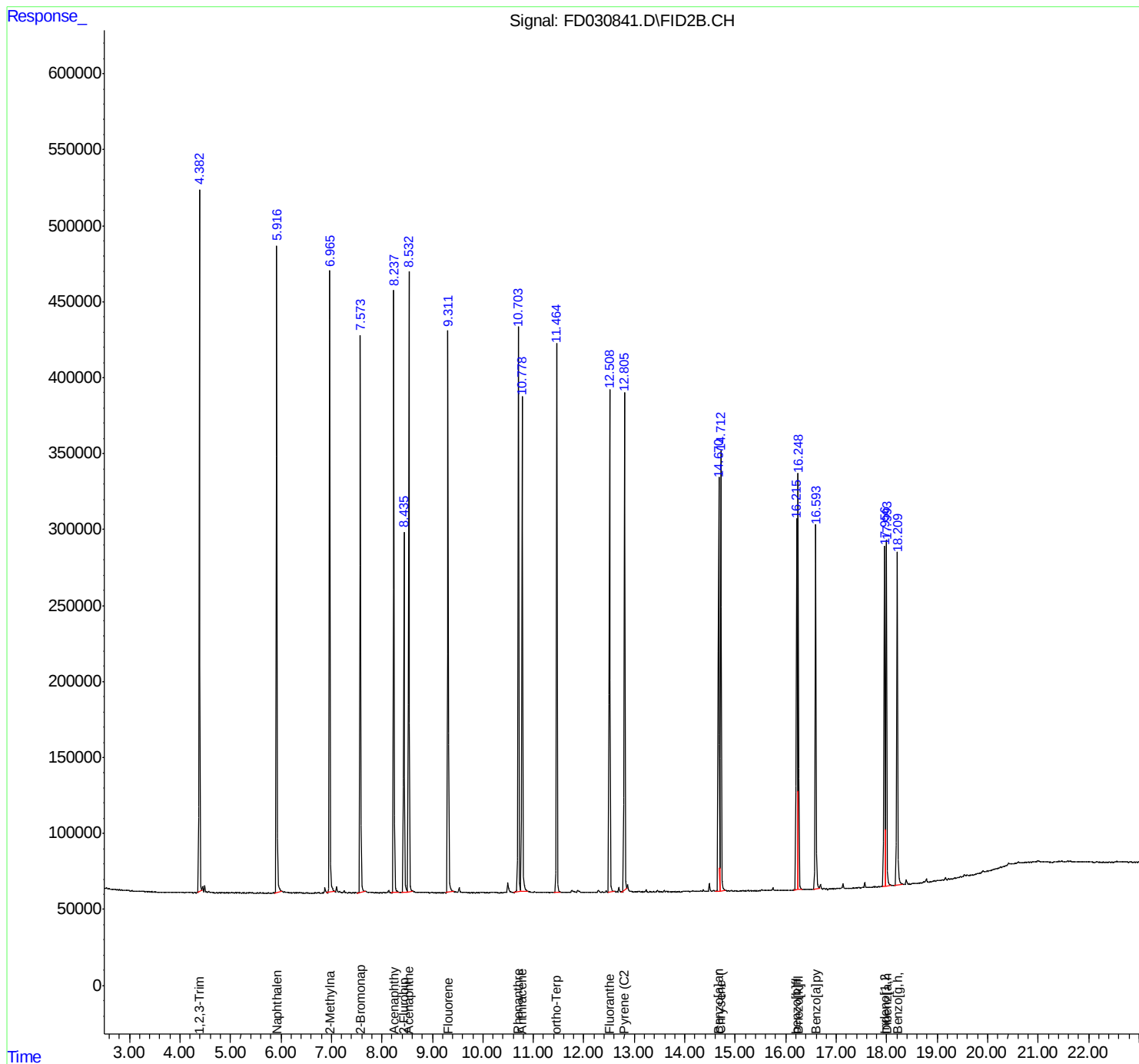
(m)=manual int.

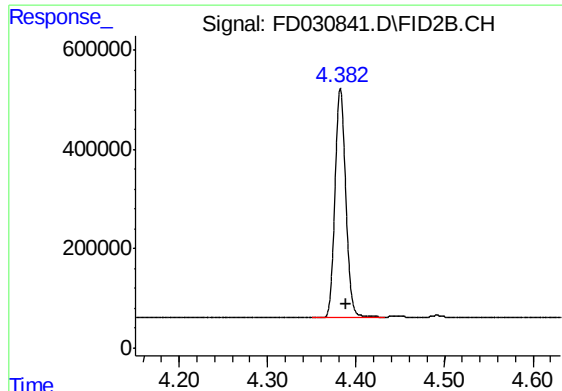
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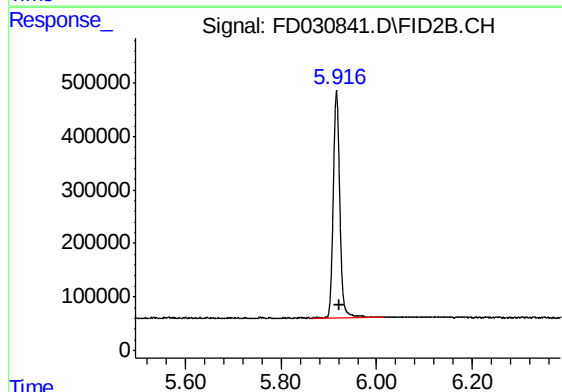




#1 1,2,3-Trimethylbenzene (C10.1)

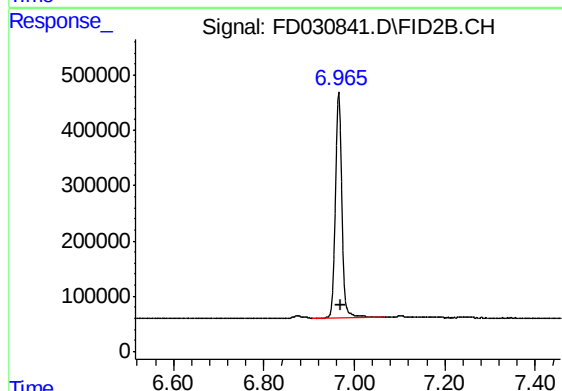
R.T.: 4.382 min
Delta R.T.: -0.006 min
Response: 3898793
Conc: 21.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



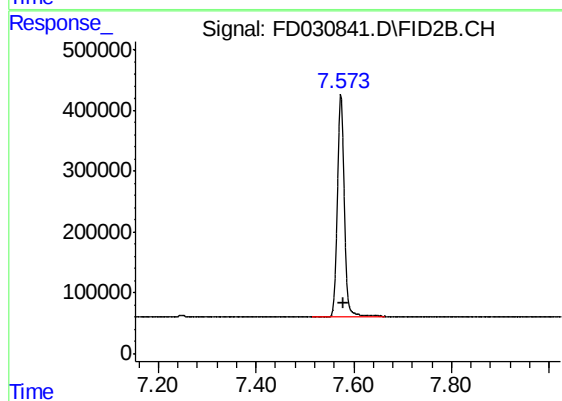
#2 Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 4056936
Conc: 21.10 ug/ml



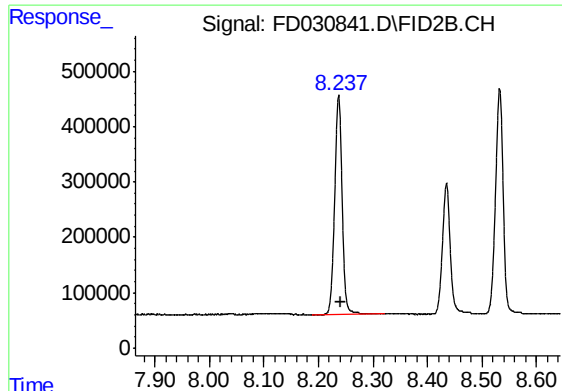
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 3999510
Conc: 21.00 ug/ml



#4 2-Bromonaphthalene (SURR)

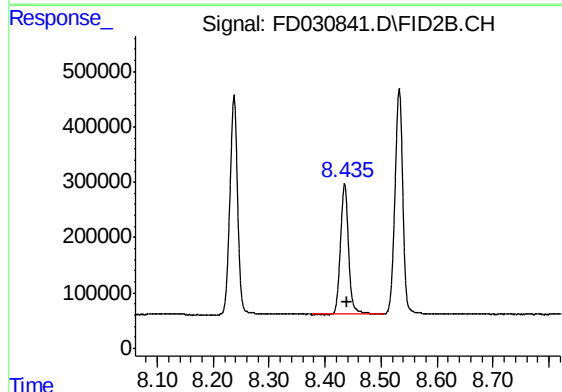
R.T.: 7.574 min
Delta R.T.: -0.005 min
Response: 3560335
Conc: 20.91 ug/ml



#5 Acenaphthylene (C15.06)

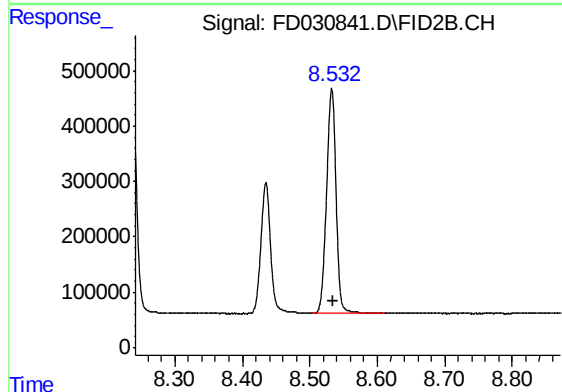
R.T.: 8.237 min
Delta R.T.: -0.004 min
Response: 3779221
Conc: 20.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



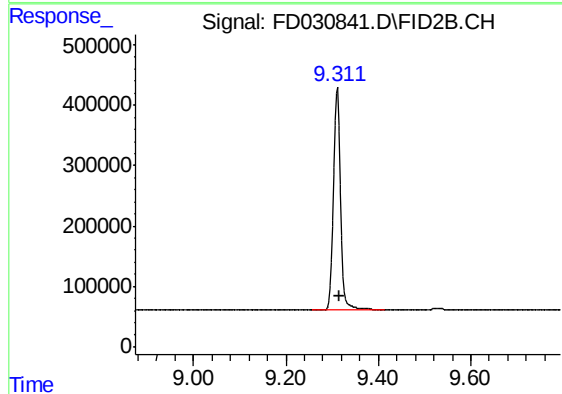
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: -0.005 min
Response: 2380759
Conc: 20.64 ug/ml



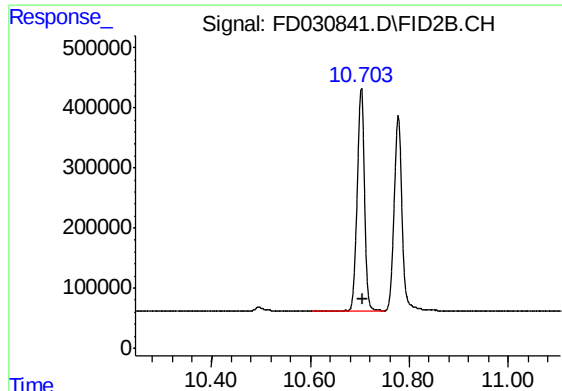
#7 Acenaphthene (C15.5)

R.T.: 8.533 min
Delta R.T.: -0.002 min
Response: 3965473
Conc: 20.54 ug/ml



#8 Flouorene (C16.55)

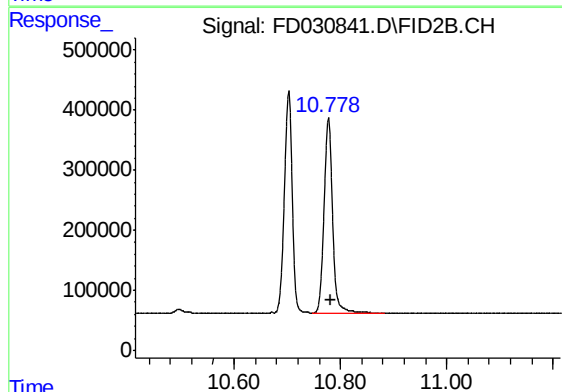
R.T.: 9.311 min
Delta R.T.: -0.004 min
Response: 3880842
Conc: 20.53 ug/ml



#9 Phenanthrene (C19.36)

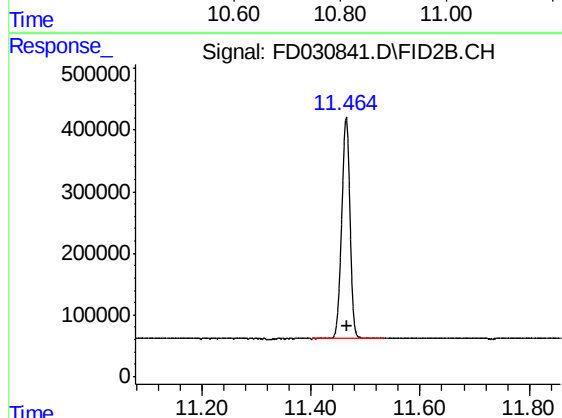
R.T.: 10.703 min
Delta R.T.: -0.003 min
Response: 3806742
Conc: 20.24 ug/ml

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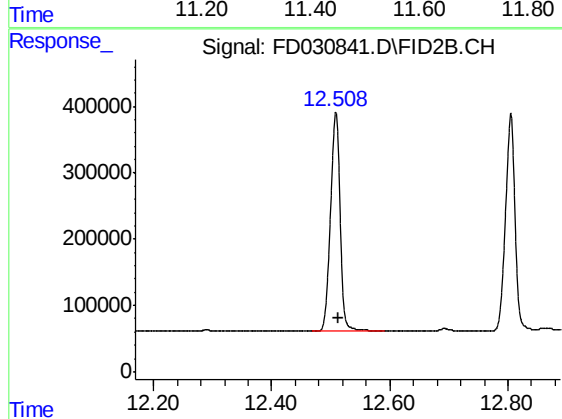
#10 Anthracene (C19.43)

R.T.: 10.778 min
Delta R.T.: -0.004 min
Response: 3631921
Conc: 19.87 ug/ml



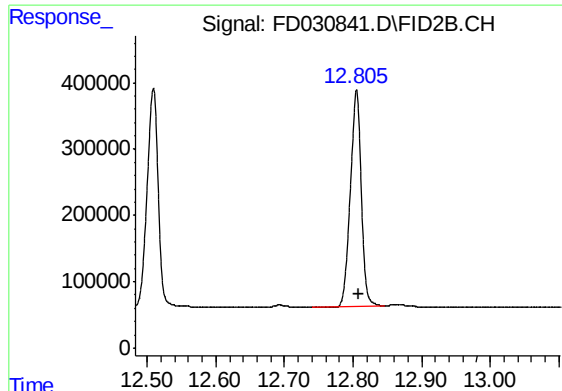
#11 ortho-Terphenyl (SURRE)

R.T.: 11.464 min
Delta R.T.: -0.002 min
Response: 3783290
Conc: 20.26 ug/ml



#12 Fluoranthene (C21.85)

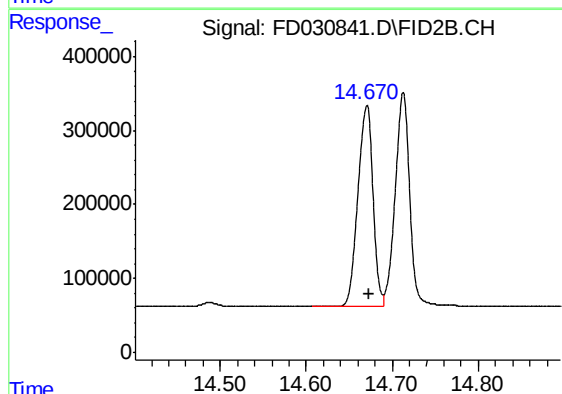
R.T.: 12.509 min
Delta R.T.: -0.003 min
Response: 3709856
Conc: 19.84 ug/ml



#13 Pyrene (C20.8)

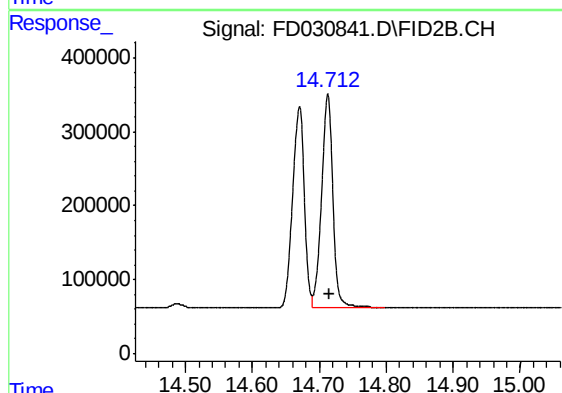
R.T.: 12.805 min
Delta R.T.: -0.003 min
Response: 3574031
Conc: 19.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



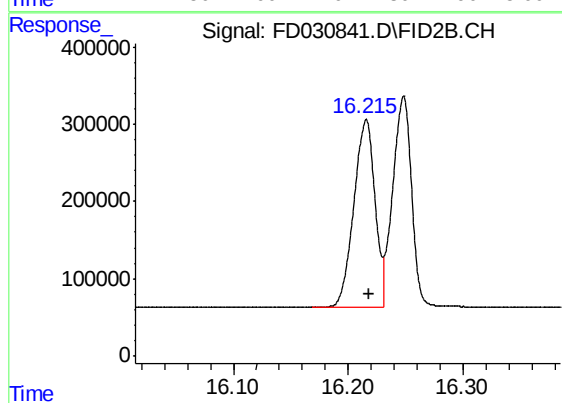
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 3304041
Conc: 19.10 ug/ml



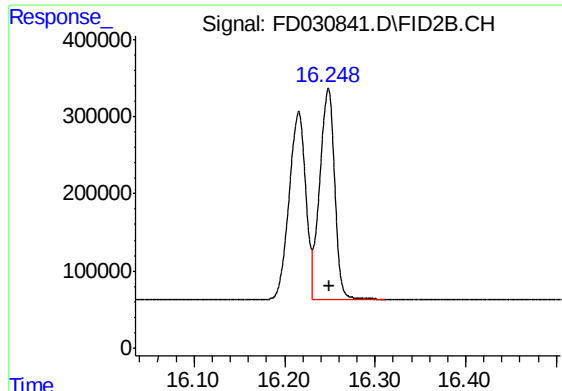
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.002 min
Response: 3385062
Conc: 19.07 ug/ml



#16 benzo[b]fluoranthene (C30.41)

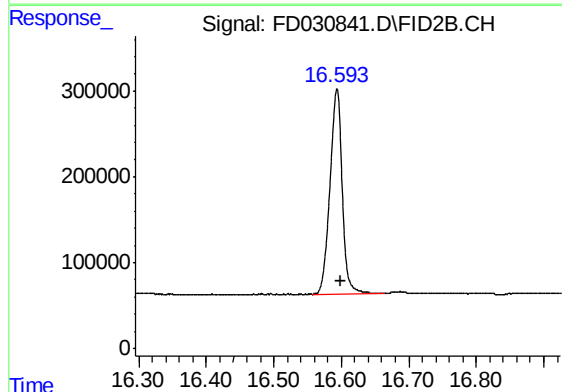
R.T.: 16.216 min
Delta R.T.: -0.003 min
Response: 3108555
Conc: 18.46 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

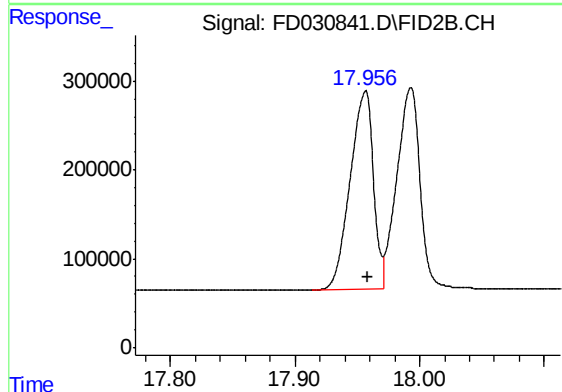
R.T.: 16.248 min
Delta R.T.: -0.001 min
Response: 3144423
Conc: 18.45 ug/ml

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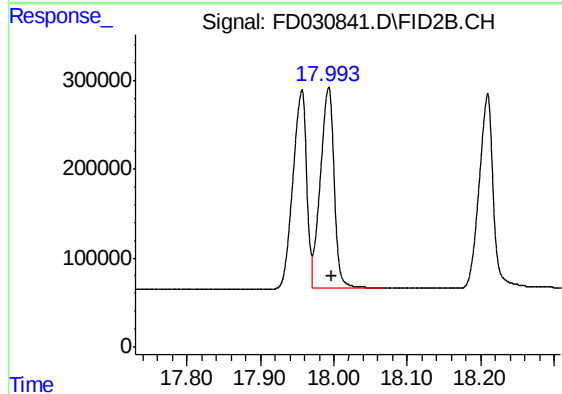
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.594 min
Delta R.T.: -0.006 min
Response: 3009395
Conc: 18.33 ug/ml



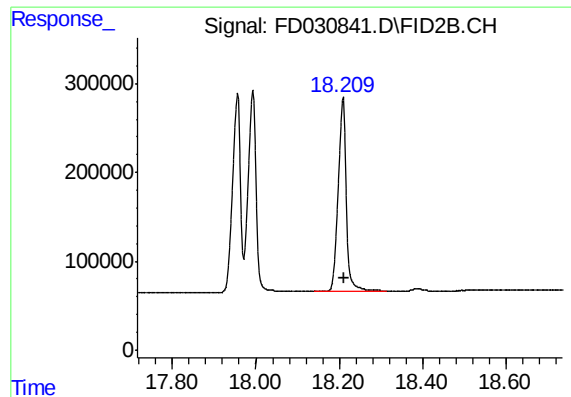
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.957 min
Delta R.T.: -0.002 min
Response: 2890108
Conc: 18.45 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.993 min
Delta R.T.: -0.004 min
Response: 2968569
Conc: 18.97 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.209 min
Delta R.T.: -0.002 min
Response: 2911393
Conc: 18.91 ug/ml

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